

24

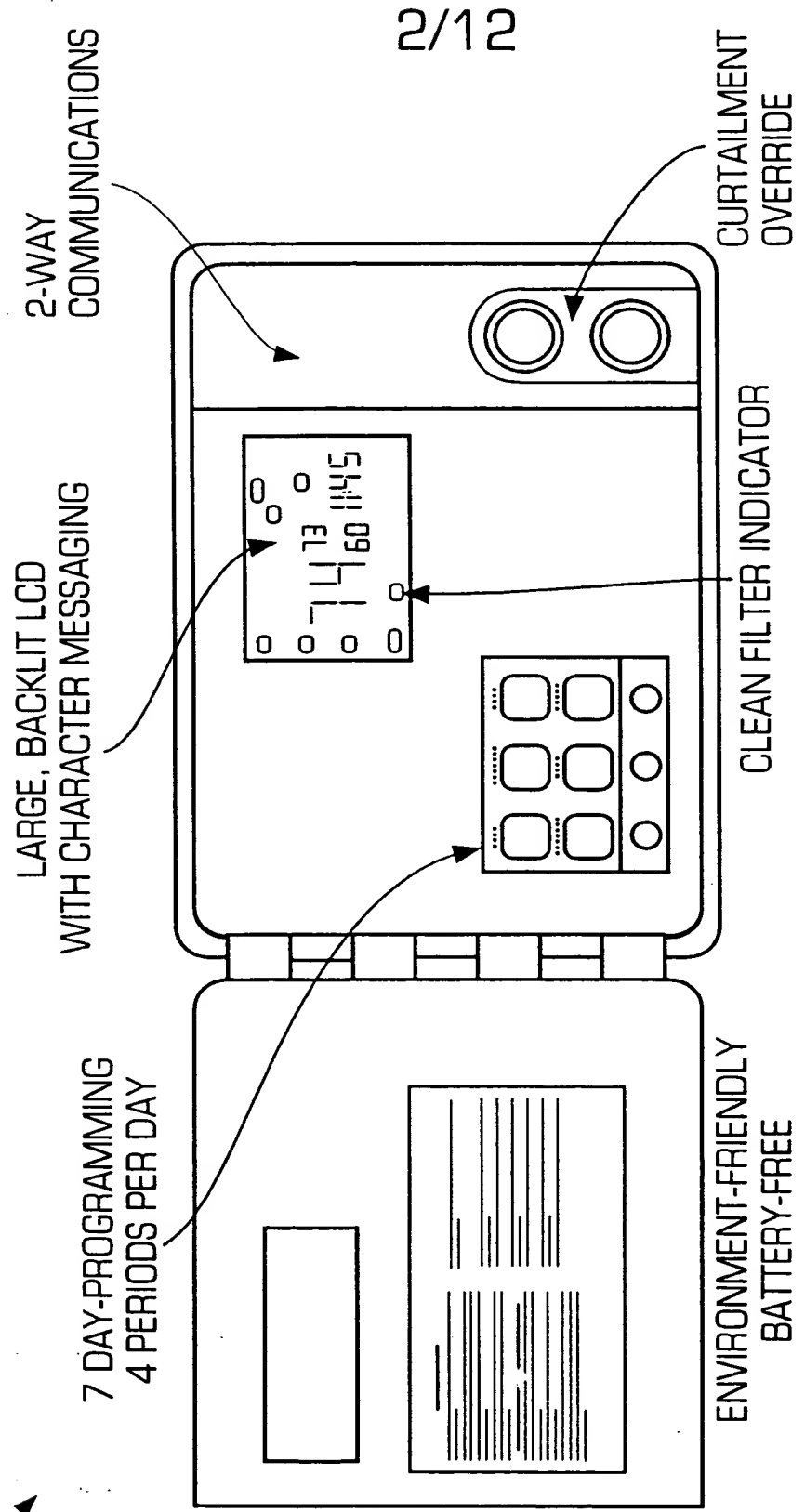
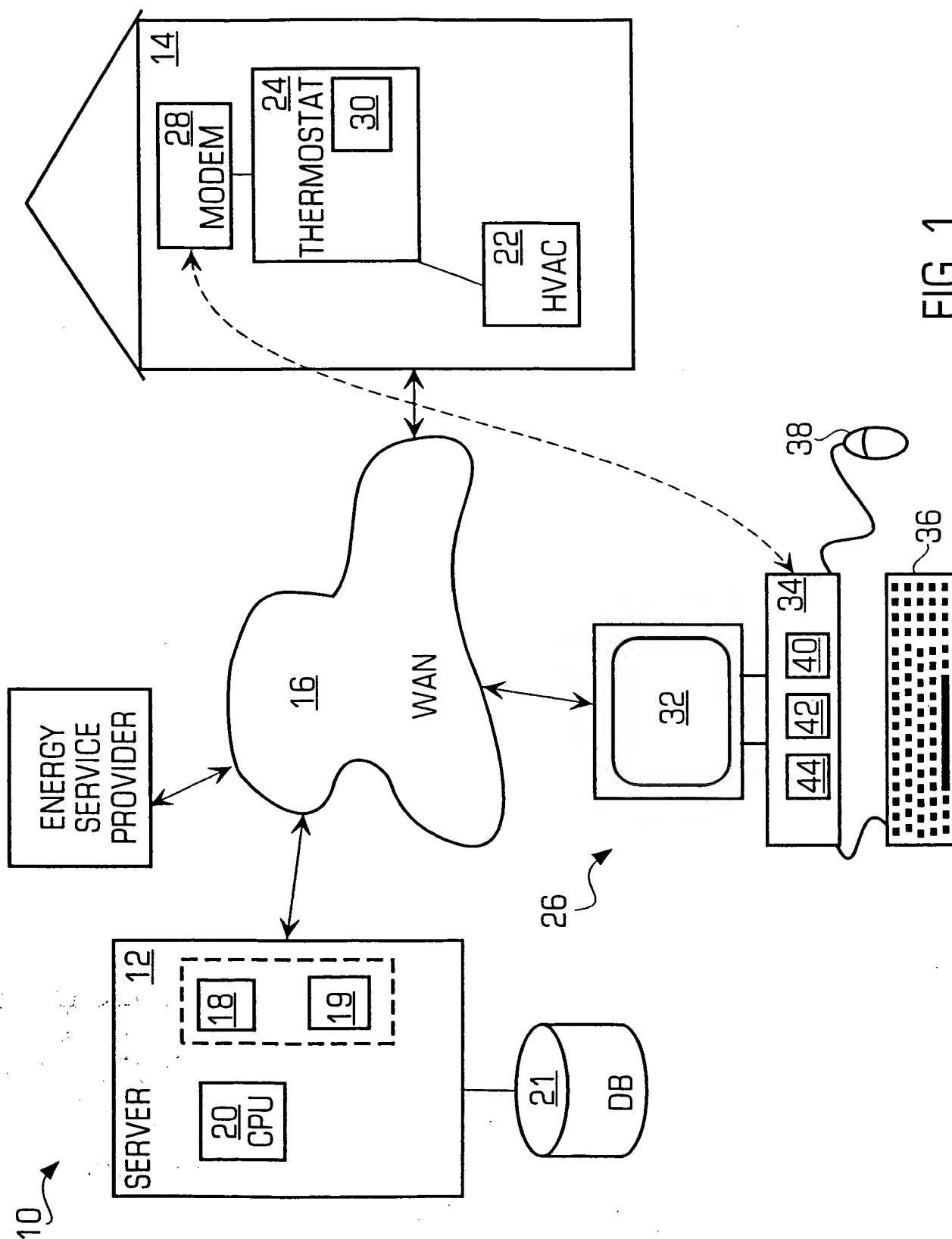


FIG. 2

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FIG. 3

CARRIER ENERGY MANAGEMENT INTERFACE THERMOSTAT- MICROSOFT INTERNET EXPLORER

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print

Address http://localhost/EMiTest/Therm4.html

Go

Carrier

INDOOR TEMPERATURE ° F

52

75

THERMOSTAT

FAN ON

MODE COOL

56

SETPOINTS ° F

HEAT 55

COOL 83

54

CURTAILMENT

01:59

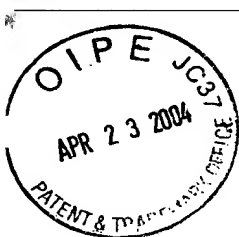
TIME LEFT

58

OVERRIDE

Done

Local Internet



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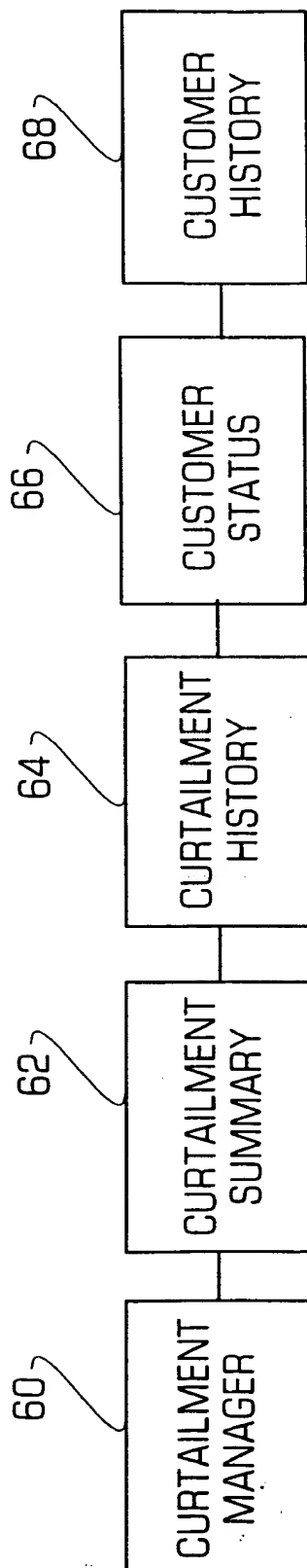


FIG. 4



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OPERATOR- MICROSOFT INTERNET EXPLORER

File Edit View Favorites Tools Help Address

Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit

CURTAINMENT MANAGEMENT CURTAINMENT/SYSTEM SUMMARY CURTAINMENT HISTORY CUSTOMER STATUS CUSTOMER HISTORY LOGOUT

CURTAINMENT MANAGEMENT

CURRENT SERVER TIME 7/5/2000 18:53:18

START TIME

H 18 M 00 S

DURATION

H 00 M 00 S

TEMPERATURE OFFSET

F 00 C

START DATE

7/5/00

CUSTOMER

ALL

INITIATE

Done

Local Internet

FIG. 5

OPERATOR- MICROSOFT INTERNET EXPLORER											
File		Edit		View		Favorites		Tools		Help	
Back		Forward		Stop		Refresh		Home		Search	
⏮		⏭		⏹		🏠		🔍		🔍	
Full Screen		Mail		Print		Edit					
Address											

CURTAILMENT MANAGEMENT		CURTAILMENT/SYSTEM SUMMARY		CURTAILMENT HISTORY		CUSTOMER STATUS		CUSTOMER HISTORY		LOGOUT	
------------------------	--	----------------------------	--	---------------------	--	-----------------	--	------------------	--	--------	--

CURTAILMENT SUMMARY

CURRENT TIME	7/5/00 6:53:45 PM	
NUMBER OF HOMES SCHEDULED	0	
NUMBER OF HOMES OVERRIDDEN	0	0 %
< 6-HOUR OLD MESSAGES	0	
> 6-HOUR OLD MESSAGES	1	
> 12-HOUR OLD MESSAGES	0	
> 24-HOUR OLD MESSAGES	53	
LAST MESSAGE TIMESTAMP	JUL 5 2000 12:21 PM	

[REFRESH](#)



OPERATOR- MICROSOFT INTERNET EXPLORER									
File	Edit	View	Favorites	Tools	Help	Address			
Back Forward Stop Refresh Home		Search Home Favorites History Channels		Fullscreen Mail Print Edit					

CURTAINMENT MANAGEMENT	CURTAINMENT/SYSTEM SUMMARY	CURTAINMENT HISTORY	CUSTOMER STATUS	CUSTOMER HISTORY	LOGOUT
------------------------	----------------------------	---------------------	-----------------	------------------	--------

CURTAINMENT HISTORY

THERE ARE 20 RECORDS 1 | 2 [NEXT](#)

DATE	START TIME	END TIME	DEGREES OFFSET	NUMBER OF HOMES SCHEDULED	NUMBER OF HOMES OVERRIDDEN	PERCENT OVERRIDDEN
05/22/2000	15:03:00	15:55:00	3	37	0	0%
05/15/2000	12:20:00	15:55:00	2	37	0	0%
05/05/2000	17:13:00	15:55:00	6	110	0	0%
04/26/2000	17:00:00	15:55:00	2	110	0	0%
04/24/2000	18:00:00	15:55:00	2	110	2	1.82%
04/24/2000	07:00:00	15:55:00	2	110	7	6.36%
04/21/2000	06:00:00	15:55:00	4	110	5	4.55%
04/20/2000	13:30:00	15:55:00	2	110	1	0.91%
04/20/2000	06:00:00	15:55:00	2	110	1	0.91%
04/17/2000	07:00:00	15:55:00	4	110	2	1.82%

☐ Done
☐ Internet zone



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FIG. 8A

OPERATOR- MICROSOFT INTERNET EXPLORER

File Edit View Favorites Tools Help Address

Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit

CURTAILMENT MANAGEMENT

CURTAILMENT/SYSTEM SUMMARY

CURTAILMENT HISTORY

CUSTOMER STATUS

CUSTOMER HISTORY

LOGOUT

SELECT CUSTOMER:

ALL

CURTAILMENT STATUS

THERMOSTAT STATUS

CUSTOMER INFORMATION

THERE ARE 39 RECORDS:

1 | 2 | 3 | 4

NEXT

PAGE #1

NAME	ADDRESS	ACCOUNT#	SERIAL#	DIAL-IN-NUMBER
ALVIS, DAVID	14440 SE 220 ST		5003055	
ANDERSON, GREG	24720 97 AVE S		5003113	
BRASS, ROGER/MYERS, MARY	24536 128PL S		5003152	
BROWN, RANDY	23101 128 PL SE		5003147	
CARTER, REGINALD	13820 SE 271 ST		5003058	
CHAPMAN, SHEILA	12030 SE 252 PL		5003054	
COLEMAN, PHILLIP	13510 250 ST SE		5003162	
COMPTON, CHARLES	11821 SE 228 PL		5003149	
CRAWFORD, DONALD	16202 SE 240 ST		5003158	
CUNNINGHAM, BONNIE	11911 SE 229 PL		5003060	

Done

Local Internet zone



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FIG. 88

OPERATOR-MICROSOFT INTERNET EXPLORER									
File	Edit	View	Favorites	Tools	Help	Address			
Back	Forward	Stop	Refresh	Home	Search	Favorites	History	Channels	Full Screen Mail Print Edit

CURTAINMENT MANAGEMENT	CURTAINMENT/SYSTEM SUMMARY	CURTAINMENT HISTORY	CUSTOMER STATUS	CUSTOMER HISTORY	LOGOUT
------------------------	----------------------------	---------------------	-----------------	------------------	--------

CUSTOMER STATUS

SELECT CUSTOMER:	ALL ▾
CUSTOMER INFO	THERMOSTAT STATUS

CURTAINMENT STATUS

THERE ARE 37 RECORDS:

PAGE #1

NAME	CURTAIL STATE	START TIME	STATUS TIME	END TIME	DEGREE OFFSET
BALDWIN, BARB	NONE	-	-	-	-
BAUER, EDWARD	NONE	-	-	-	-
BITTNER, ALVAN C	NONE	-	-	-	-
BROWN, JAMES	NONE	-	-	-	-
COXEY, JEFFREY	NONE	-	-	-	-
CRAWFORD, DONALD (2)	NONE	-	-	-	-
DITTMANN, KLAUS	NONE	-	-	-	-
DUNHAM, JACK R	NONE	-	-	-	-
FELTON, TIMOTHY	NONE	-	-	-	-
FINNE, ANN C	NONE	-	-	-	-

Internet zone



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FIG. 8C

OPERATOR- MICROSOFT INTERNET EXPLORER

File Edit View Favorites Tools Help Address

Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit

CURTALMENT MANAGEMENT

CURTALMENT/SYSTEM SUMMARY

CURTALMENT HISTORY

CUSTOMER STATUS

CUSTOMER HISTORY

LOGOUT

SELECT CUSTOMER: ALL

CUSTOMER INFO

CURTALMENT STATUS

THERMOSTAT STATUS

THERMOSTAT STATUS

THERE ARE 37 RECORDS:

1 | 2 | 3 | 4 | NEXT

PAGE #1

NAME	LAST DATA MESSAGE TIME STAMP	CURRENT TEMPERATURE	COOL SETPOINT	HEAT SETPOINT
BALDWIN, BARB	MAY 22, 2000 5:40PM	70	80	60
BAUER, EDWARD	APR 25, 2000 11:23AM	65	75	65
BITTNER, ALVAN C	APR 25, 2000 11:22AM	65	85	60
BROWN, JAMES	APR 25, 2000 11:02AM	68	85	68
COXEY, JEFFREY	APR 25, 2000 11:22AM	69	85	69
CRAWFORD, DONALD (2)	APR 25, 2000 11:23AM	66	85	60
DIETMANN, KLAUS	MAY 5, 2000 4:18PM	70	80	60
DUNHAM, JACK R	APR 25, 2000 11:22AM	70	85	70
FELION, TIMOTHY	APR 25, 2000 11:28AM	65	85	60
FINNE, ANN C	APR 25, 2000 11:37AM	67	89	67

Done

Internet zone



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OPERATOR-MICROSOFT INTERNET EXPLORER

File Edit View Favorites Tools Help Address

Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Edit

CURTAILMENT MANAGEMENT CURTAILMENT/SYSTEM SUMMARY CURTAILMENT HISTORY CUSTOMER STATUS CUSTOMER HISTORY LOGOUT

CUSTOMER HISTORY

SELECT CUSTOMER BALDWIN, BARB - 5003145

TOTAL DAYS CURTAILED 16

TOTAL DAYS OVERRIDDEN 2 12.5 %

EXPORT EXPORT ALL

DATE	START TIME	END TIME	DEGREES OFFSET	OVERRIDDEN
05/22/2000	15:03:00	15:55:00	3	15:35:00
05/15/2000	12:20:00	15:55:00	2	15:35:00
05/05/2000	17:13:00	15:55:00	6	
04/26/2000	17:00:00	15:55:00	2	
04/24/2000	18:00:00	15:55:00	2	
04/24/2000	07:00:00	15:55:00	2	
04/21/2000	06:00:00	15:55:00	4	
04/20/2000	13:30:00	15:55:00	2	
04/20/2000	06:00:00	15:55:00	2	
04/17/2000	07:00:00	15:55:00	4	

NEXT

Done Internet zone

FIG. 9

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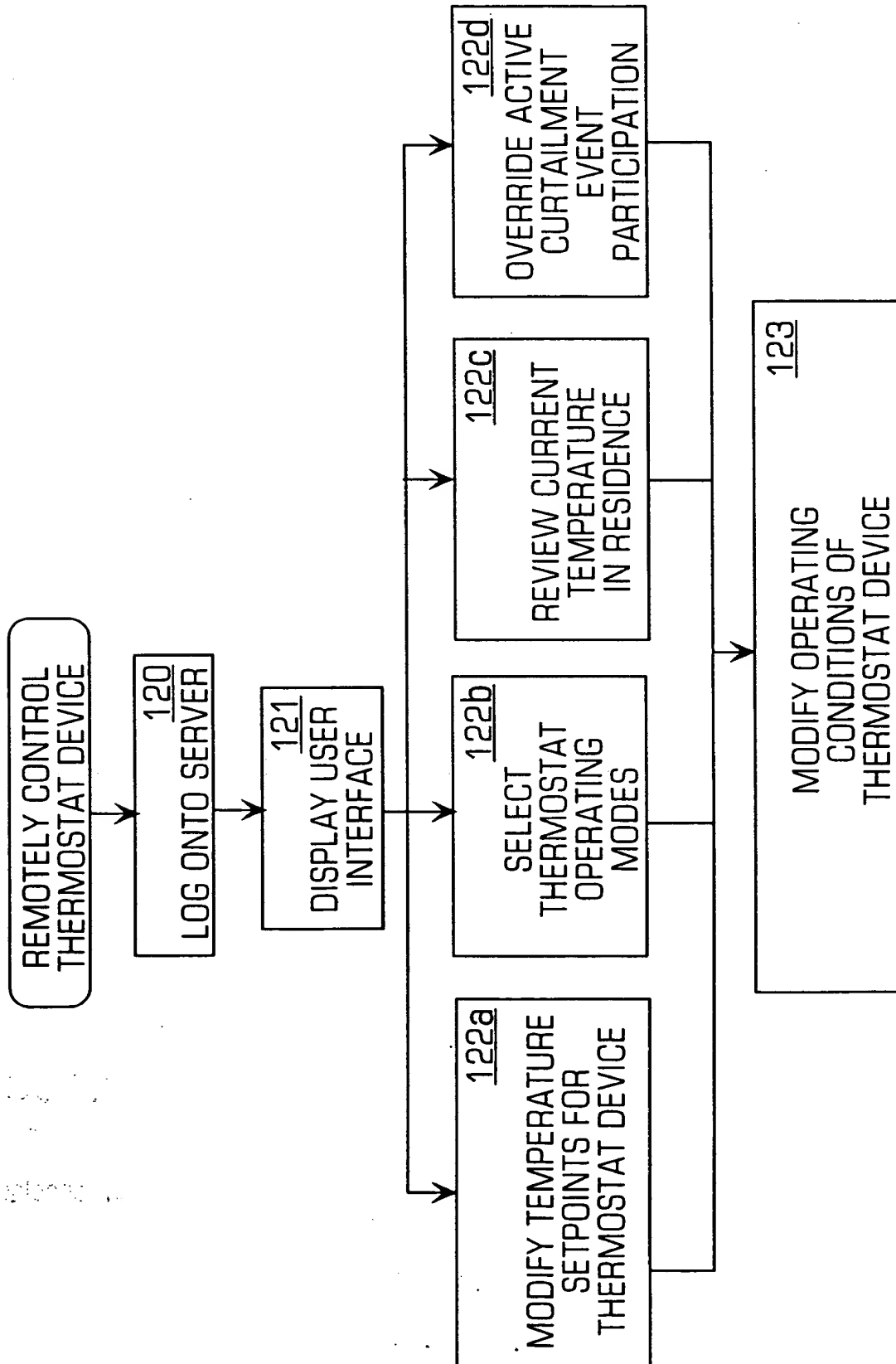


FIG. 10

